





**OMIM PMC** PubMed **Nucleotide Protein** Genome Structure Journals Book Entrez Search PubMed Clear for folding conotoxin and (digitonin or polyoxyethylen) Go **Limits** Preview/Index Clipboard History Details **About Entrez** Limits: Publication Date to 2001/03/01 Display Summary  $\nabla$ Show: 20 Sort Send to Text **Text Version** Page Items 1-20 of 39 of 2 Ne Entrez PubMed 1: Buczek O, Olivera BM, Bulaj G. Overview Related Articles, Li Help | FAQ Propeptide does not act as an intramolecular chaperone but facilitates protein disulfide **Tutorial** New/Noteworthy isomerase-assisted folding of a conotoxin precursor. E-Utilities Biochemistry. 2004 Feb 3;43(4):1093-101. PMID: 14744155 [PubMed - in process] PubMed Services 2: Cuthbertson A, Indrevoll B. Journals Database Related Articles. Li MeSH Database Regioselective formation, using orthogonal cysteine protection, of an alpha-conotoxin Single Citation Matcher dimer peptide containing four disulfide bonds. **Batch Citation Matcher Clinical Queries** Org Lett. 2003 Aug 7;5(16):2955-7. LinkOut PMID: 12889917 [PubMed - indexed for MEDLINE] Cubby 3: Conticello SG, Kowalsman ND, Jacobsen C, Yudkovsky G, Sato K, Elazar Z, Related Articles, Li Petersen CM, Aronheim A, Fainzilber M. Related Resources Order Documents The prodomain of a secreted hydrophobic mini-protein facilitates its export from the **NLM Gateway** endoplasmic reticulum by hitchhiking on sorting receptors. **TOXNET** J Biol Chem. 2003 Jul 18;278(29):26311-4. Epub 2003 May 27. Consumer Health Clinical Alerts PMID: 12771154 [PubMed - indexed for MEDLINE] ClinicalTrials.gov PubMed Central 4: Van Wagoner RM, Jacobsen RB, Olivera BM, Ireland CM. Related Articles, Li Characterization and three-dimensional structure determination of psi-conotoxin Piiif, a Privacy Policy novel noncompetitive antagonist of nicotinic acetylcholine receptors. Biochemistry. 2003 Jun 3;42(21):6353-62. PMID: 12767216 [PubMed - indexed for MEDLINE] 5: DeLa Cruz R, Whitby FG, Buczek O, Bulaj G. Related Articles, Li Detergent-assisted oxidative folding of delta-conotoxins. J Pept Res. 2003 Apr;61(4):202-12. PMID: 12605605 [PubMed - indexed for MEDLINE] **6:** Grottesi A, Sansom MS. Related Articles, Li Molecular dynamics simulations of a K+ channel blocker: Tc1 toxin from Tityus cambridgei. FEBS Lett. 2003 Jan 30;535(1-3):29-33. PMID: 12560073 [PubMed - indexed for MEDLINE] 7: Price-Carter M, Bulaj G, Goldenberg DP. Related Articles, Li Initial disulfide formation steps in the folding of an omega-conotoxin. Biochemistry. 2002 Mar 12;41(10):3507-19. PMID: 11876659 [PubMed - indexed for MEDLINE] Favreau P, Gilles N, Lamthanh H, Bournaud R, Shimahara T, Bouet F, Laboute P,

h

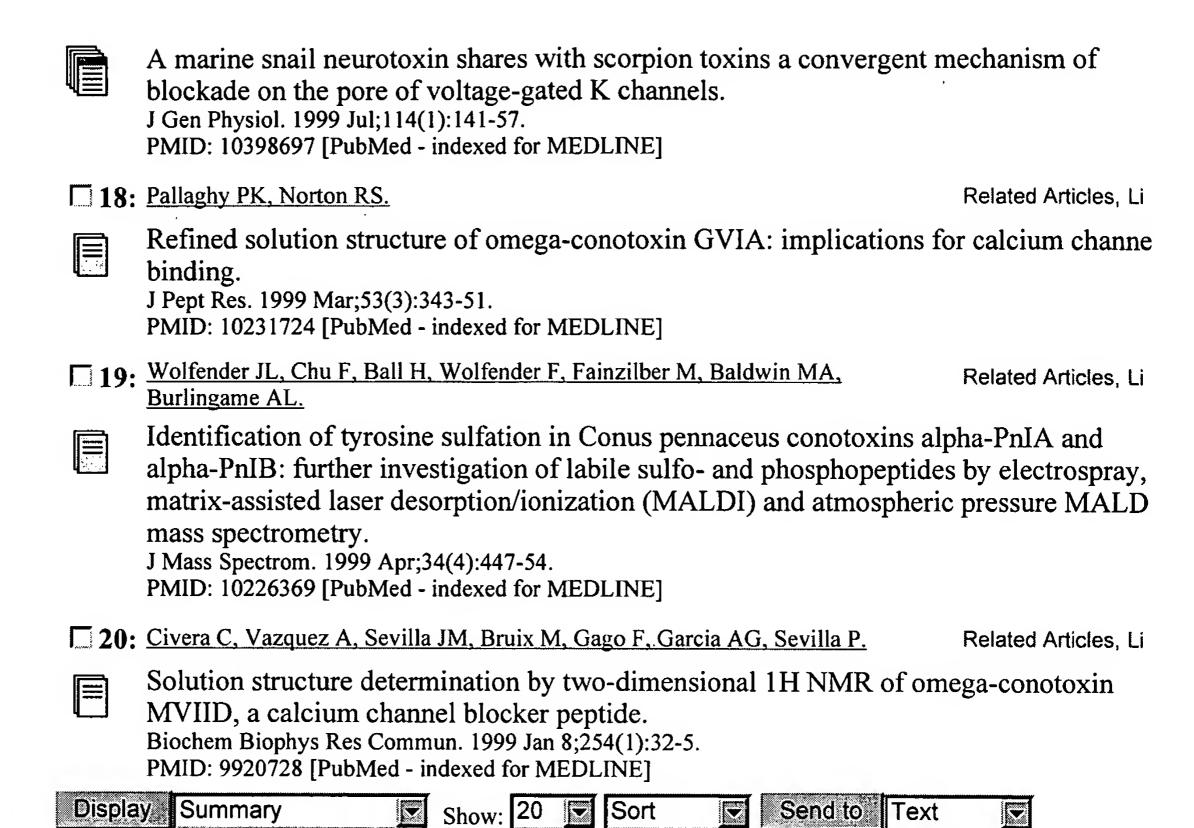
cb

hg e e e fcg

e ch

b e

□8:	Letourneux Y, Menez A, Molgo J, Le Gall F.	Related Articles, Li
	A new omega-conotoxin that targets N-type voltage-sensitive calcium unusual specificity.  Biochemistry. 2001 Dec 4;40(48):14567-75.  PMID: 11724570 [PubMed - indexed for MEDLINE]	channels with
口9:	Goldenberg DP, Koehn RE, Gilbert DE, Wagner G.	Related Articles, Li
	Solution structure and backbone dynamics of an omega-conotoxin pred Protein Sci. 2001 Mar;10(3):538-50. PMID: 11344322 [PubMed - indexed for MEDLINE]	ursor.
□ <b>1</b> 0	: Kobayashi K, Sasaki T, Sato K, Kohno T.	Related Articles, Li
	Three-dimensional solution structure of omega-conotoxin TxVII, an I channel blocker. Biochemistry. 2000 Dec 5;39(48):14761-7. PMID: 11101291 [PubMed - indexed for MEDLINE]	L-type calcium
口11	: Balaji RA, Ohtake A, Sato K, Gopalakrishnakone P, Kini RM, Seow KT, Bay BH.	Related Articles, Li
	lambda-conotoxins, a new family of conotoxins with unique disulfide folding. Isolation and characterization from the venom of Conus marr J Biol Chem. 2000 Dec 15;275(50):39516-22. PMID: 10988292 [PubMed - indexed for MEDLINE]	
□ <b>12</b>	: Jones RM, Bulaj G.	Related Articles, Li
	Conotoxins - new vistas for peptide therapeutics. Curr Pharm Des. 2000 Aug;6(12):1249-85. Review. PMID: 10903392 [PubMed - indexed for MEDLINE]	
口13	: Marti-Renom MA, Stote RH, Querol E, Aviles FX, Karplus M.	Related Articles, Li
	Structures of scrambled disulfide forms of the potato carboxypeptidas predicted by molecular dynamics simulations with constraints. Proteins. 2000 Aug 15;40(3):482-93. PMID: 10861940 [PubMed - indexed for MEDLINE]	e inhibitor
□ <b>1</b> 4	: Boisbouvier J, Blackledge M, Sollier A, Marion D.	Related Articles, Li
	Simultaneous determination of disulphide bridge topology and three-constructure using ambiguous intersulphur distance restraints: possibilities J Biomol NMR. 2000 Mar;16(3):197-208.  PMID: 10805126 [PubMed - indexed for MEDLINE]	
口15	Flinn JP, Pallaghy PK, Lew MJ, Murphy R, Angus JA, Norton RS.	Related Articles, Li
	Role of disulfide bridges in the folding, structure and biological activication conotoxin GVIA.  Biochim Biophys Acta. 1999 Sep 14;1434(1):177-90.  PMID: 10556572 [PubMed - indexed for MEDLINE]	ty of omega-
□16	: Sasaki T, Feng ZP, Scott R, Grigoriev N, Syed NI, Fainzilber M, Sato K.	Related Articles, Li
	Synthesis, bioactivity, and cloning of the L-type calcium channel bloc conotoxin TxVII.  Biochemistry. 1999 Sep 28;38(39):12876-84.  PMID: 10504258 [PubMed - indexed for MEDLINE]	ker omega-
□ 17	: Garcia E, Scanlon M, Naranjo D.	Related Articles, Li



Write to the Help Desk NCBI | NLM | NIH **Department of Health & Human Services** Freedom of Information Act | Disclaimer

Sort

Items 1-20 of 39

Send to

**Text** 

Page | 1

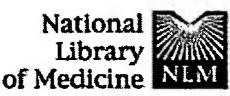
Jan 29 2004 15:

of 2 Ne

Related Articles, Li







of Medicine NLM **OMIM PMC** PubMed Nucleotide Protein Genome Structure Journals Entrez Book Search PubMed Clear Go for folding conotoxin and (digitonin or polyoxyethylen) **☑** Limits Clipboard Preview/Index History Details **About Entrez** Limits: Publication Date to 2001/03/01 Summary Show: 20 Sort Display Send to Text **Text Version** Page 2 Items 21-39 of 39 **Previous** 0 Entrez PubMed 21: Norton RS, Pallaghy PK. Related Articles, Li Overview Help | FAQ The cystine knot structure of ion channel toxins and related polypeptides. Tutorial Toxicon. 1998 Nov;36(11):1573-83. New/Noteworthy PMID: 9792173 [PubMed - indexed for MEDLINE] **E-Utilities 22:** Prorok M, Castellino FJ. Related Articles, Li PubMed Services Journals Database Thermodynamics of binding of calcium, magnesium, and zinc to the N-methyl-D-MeSH Database aspartate receptor ion channel peptidic inhibitors, conantokin-G and conantokin-T. Single Citation Matcher J Biol Chem. 1998 Jul 31;273(31):19573-8. Batch Citation Matcher PMID: 9677382 [PubMed - indexed for MEDLINE] Clinical Queries LinkOut Maslennikov IV, Sobol AG, Gladky KV, Lugovskoy AA, Ostrovsky AG, Tsetlin Cubby Related Articles, Li VI, Ivanov VT, Arseniev AS. Related Resources Two distinct structures of alpha-conotoxin GI in aqueous solution. Order Documents Eur J Biochem. 1998 Jun 1;254(2):238-47. NLM Gateway PMID: 9660176 [PubMed - indexed for MEDLINE] **TOXNET** Consumer Health 24: Price-Carter M, Hull MS, Goldenberg DP. Related Articles, Li Clinical Alerts ClinicalTrials.gov Roles of individual disulfide bonds in the stability and folding of an omega-conotoxin. PubMed Central Biochemistry. 1998 Jul 7;37(27):9851-61. PMID: 9657699 [PubMed - indexed for MEDLINE] **Privacy Policy** 25: Gehrmann J, Alewood PF, Craik DJ. Related Articles. Li Structure determination of the three disulfide bond isomers of alpha-conotoxin GI: a . 111 model for the role of disulfide bonds in structural stability. J Mol Biol. 1998 May 1;278(2):401-15. PMID: 9571060 [PubMed - indexed for MEDLINE] 26: Shon KJ, Koerber SC, Rivier JE, Olivera BM, McIntosh JM. Related Articles, Li Three-dimensional solution structure of alpha-conotoxin MII, an alpha3beta2 neuronal nicotinic acetylcholine receptor-targeted ligand. Biochemistry. 1997 Dec 16;36(50):15693-700. PMID: 9398298 [PubMed - indexed for MEDLINE] 27: Sato K, Raymond C, Martin-Moutot N, Sasaki T, Omori A, Ohtake A, Kim JI, Related Articles, Li Kohno T, Takahashi M, Seagar M. Binding of chimeric analogs of omega-conotoxin MVIIA and MVIIC to the N- and P/Q type calcium channels. FEBS Lett. 1997 Sep 8;414(2):480-4. PMID: 9315745 [PubMed - indexed for MEDLINE]

h

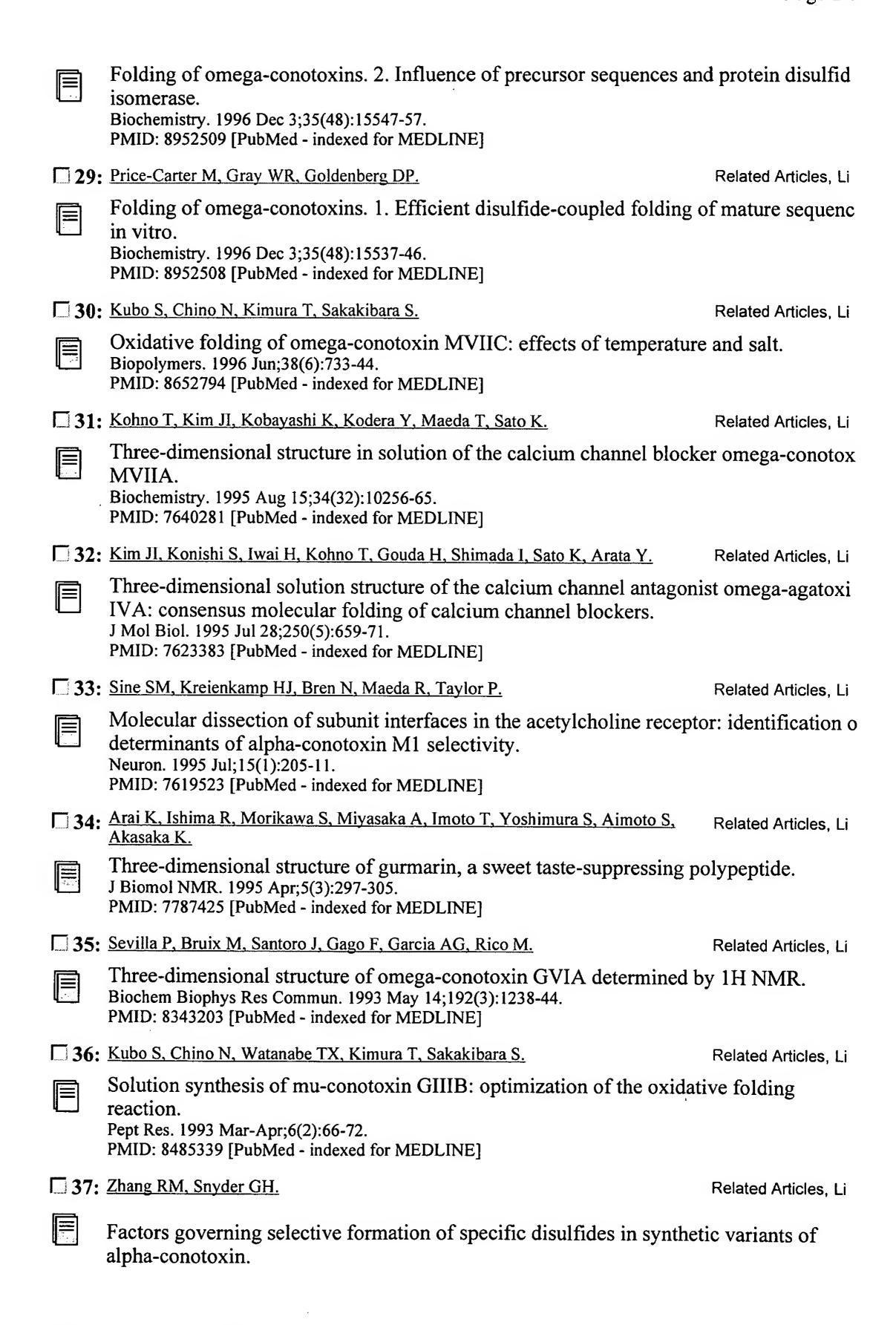
cb

hg e e e fcg

**28:** Price-Carter M, Gray WR, Goldenberg DP.

ge

b e



h

cb hg e e e fcg

ge

b e

Biochemistry. 1991 Nov 26;30(47):11343-8. PMID: 1958670 [PubMed - indexed for MEDLINE] 38: Lancelin JM, Kohda D, Tate S, Yanagawa Y, Abe T, Satake M, Inagaki F. Related Articles, Li Tertiary structure of conotoxin GIIIA in aqueous solution. Biochemistry. 1991 Jul 16;30(28):6908-16. PMID: 2069951 [PubMed - indexed for MEDLINE] 39: Ott KH, Becker S, Gordon RD, Ruterjans H. Related Articles, Li Solution structure of mu-conotoxin GIIIA analysed by 2D-NMR and distance geometr 7444 calculations. FEBS Lett. 1991 Jan 28;278(2):160-6. PMID: 1991506 [PubMed - indexed for MEDLINE] Summary Show: 20 Send to Display Sort Text Page Items 21-39 of 39 **Previous** 0

Write to the Help Desk

NCBI | NLM | NIH

Department of Health & Human Services

Freedom of Information Act | Disclaimer

Jan 29 2004 15: